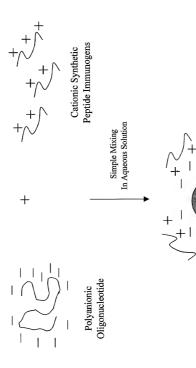
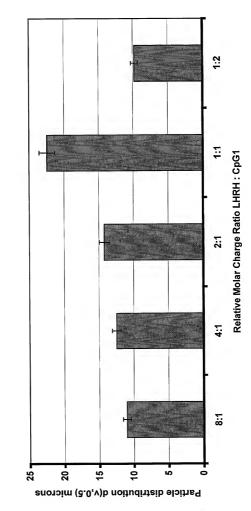
Figure 1 Schematic Of Complexation Process



Immunostimulatory Complex

LHRH Synthetic Immunogens: CpG1 Oligonucleotide Complexes Particle Size Distribution Vs. Relative Molar Charge Ratio Figure 2



Schematic Of W/O Emulsion Process Via Homogenization Or Extrusion Figure 3

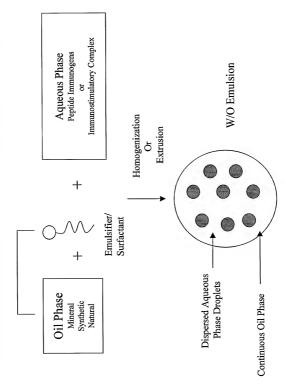
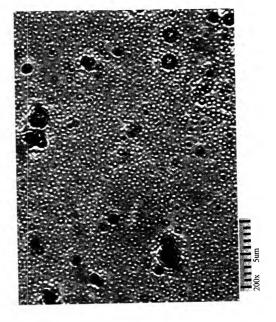
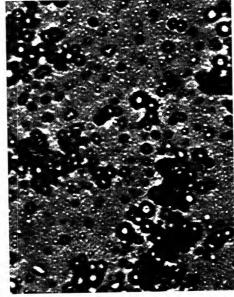


Figure 4
Homogenized W/O Emulsion
LHRH Peptides : CpG1 Oligonucleotides (ratio 4:1)

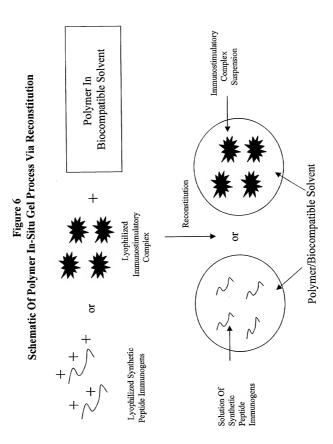


677515 v1

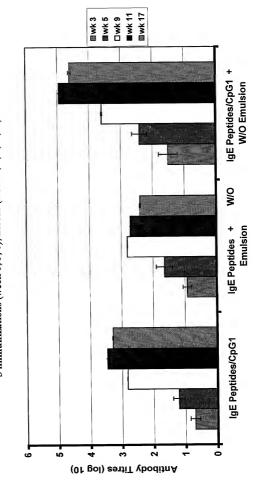
Figure 5
Extraded W/O Emulsion
LHRH Peptides: CpGI Oligonucleotides (ratio 4:1)







(IgE Peptides/CpG1 Complexes + Homogenized W/O Emulsions) 3 immunizations (week 0, 3, 6), Bleeds (week 3, 5, 9,11,17) Figure 7



(CD4 Peptides/CpG2 Complexes + Homogenized W/O Emulsions) 3 immunizations (week 0, 3, 6), Bleeds (week 3, 5, 9,11,17) Figure 8

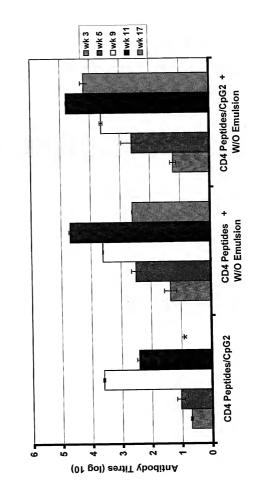
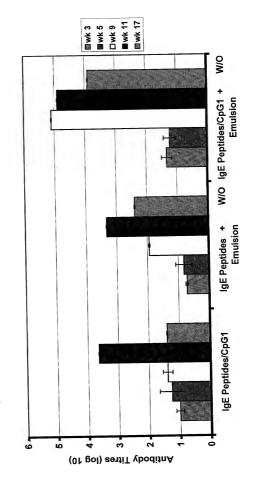


Figure 9 (IgE Peptides/CpG1 Complexes + Extruded W/O Emulsions) 3 immunizations (week 0, 3, 6), Bleeds (week 3, 5, 9,11,17)



(CD4 Peptides/CpG2 Complexes + Extruded W/O Emulsions) Figure 10

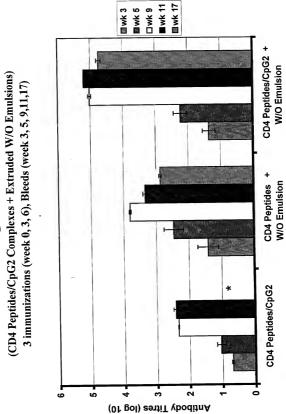
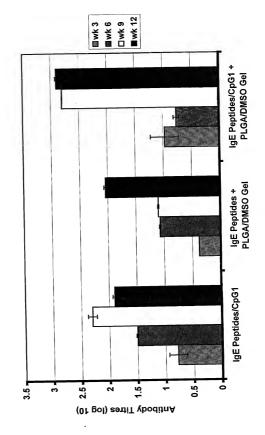


Figure 11
(IgE Peptides/CpG1 Complexes + PLGA/DMSO Gels)
Single Dose Immunization, Bleeds (week 3, 6, 9,12)



■wk 6 □wk 9 ■wk 12 CD4 Peptides/CpG2 + (CD4 Peptides/CpG2 Complexes + PLGA/DMSO Gels) Single Dose Immunization, Bleeds (week 3, 6, 9,12) Figure 12

3

2.5

3.5

■wk3

PLGA/DMSO Gel

PLGA/DMSO Gel CD4 Peptides +

CD4 Peptides/CpG2

0.5

5

Antibody Titres (log 10)